

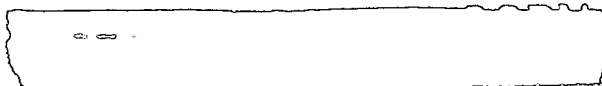


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IMAGERY  
ANALYSIS  
DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT



ORENBURG AIRFRAME PLANT NO. 47  
ORENBURG, USSR

Declass Review by NIMA/DOD



C A / PIR65050

DATE: Dec. 1965

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GROUP 1  
Excluded from automatic  
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CIA IMAGERY ANALYSIS DIVISION

ORENBURG AIRFRAME PLANT NO. 47  
ORENBURG, USSR

Orenburg Airframe Plant No. 47 is located at 51 48 00N - 55 06 40E in the northeast suburbs of Orenburg, USSR, and is road and rail served.

The plant was moved from Leningrad in 1940 and was first observed on

the plant contained 1,914,410 square feet of floorspace.

The major additions since include a 81,400 square foot addition to the assembly/machine shop building, (Item 3, Figure 3, and Table 1), a U/I building (Item 7), two probable workshops (Items 8 and 9), four support buildings (Items 29, 32, 34 and 35), and a transformer yard and control building (Item 33). The construction was started on all the above buildings during the summer of 1964 and with the exception of the workshop (Item 9) were completed when observed on

The total floorspace for the new additions since is 220,660 square feet. There are some mensuration discrepancies between this report and CIA/PIR-18/64 of due to the fact that the latest measurements were made from mission, of much superior quality than the one that CIA/PIR-18/64 was based on.

All measurements have been made by the NPIC Technical Intelligence Division with the exception of Items 9, 29, 30, 31, 32, 33 and 34, and the linear footage of roads, rails, and fences. These measurements were made by the CIA/IAD project analyst, should only be considered as approximate and must not be construed as official NPIC mensuration data. The NPIC/TID measurements are considered to be accurate within + 10 feet or + 10 per cent whichever is greater. Table I and Figure 3 show the plant buildings and give their size, description and relative location within the plant.

The plant contains approximately 28,380 linear feet of paved roads, probably concrete, with an average width of 20 feet. The complex is served by approximately 4,500 linear feet of standard gage rail line and is secured by approximately 25,970 feet of masonry fenceline.

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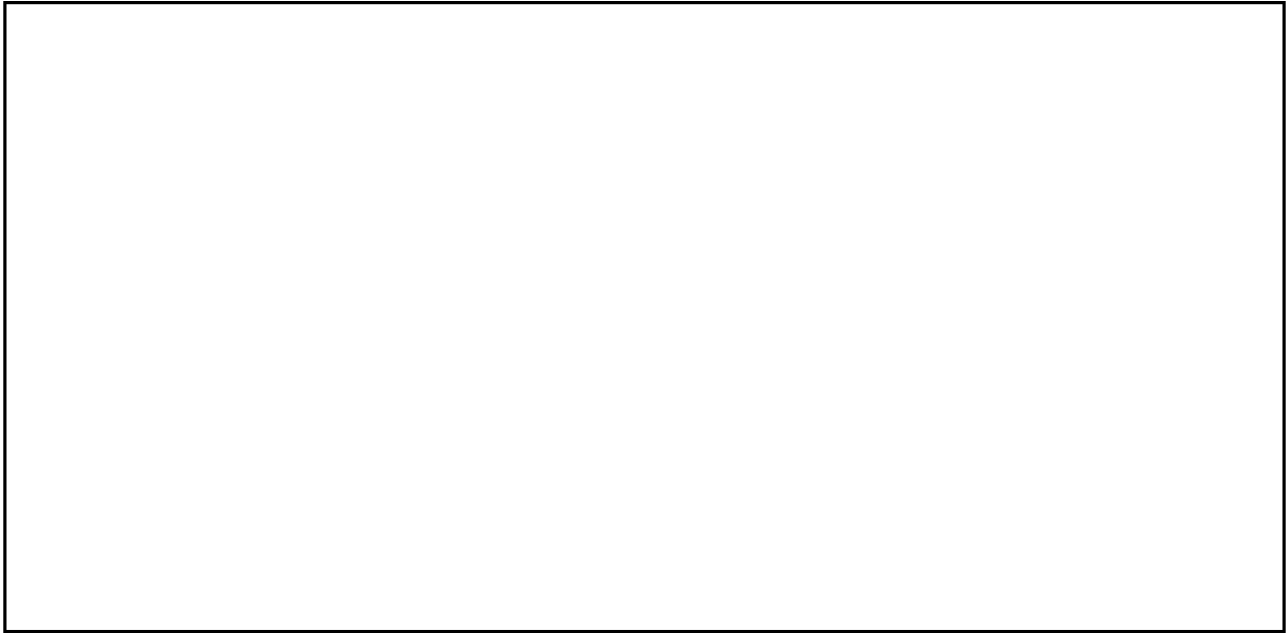
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CIA/PIR - 65050

CIA IMAGERY ANALYSIS DIVISION

## REFERENCES



## MAPS AND CHARTS

ACIC. US Air Target Chart, Series 200, Sheet 0236-2HL, Scale 1:200,000, 3rd Ed., January 1964 (SECRET)

ACIC. US Air Target Chart, Series 50, Sheet 0236-2/7A, Scale 1:50,000, 1st Ed., October 1960 (SECRET)

## REQUIREMENT

C-RR5-82,770

## CIA/IAD PROJECT

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FIGURE 1

ORENBURG AIRFRAME PLANT 47  
Orenburg, USSR  
51 48N - 55 07E

TOP SECRET

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FIGURE 2



ORENBURG AIRFRAME PLANT 47  
Orenburg, USSR  
51 48N - 55 07E

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FIGURE 3

CIA IMAGERY ANALYSIS DIVISION

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TABLE I

ITEM	DESCRIPTION	DIMENSIONS (FT.)	FLOORSPACE (SQ. FT.)	CU. FEET
1	Workshop/Machine Shop		401,625	19,278,000
2	Assembly/Machine Shop	640 x 430 x 20	275,200	5,504,000
3	Assembly/Machine Shop	975 x 440 x 55	429,000	23,595,000
4	Workshop	235 x 40 x 15	9,400	147,000
5	Workshop	395 x 120 x 25	47,400	1,185,000
6	Steam Plant	Irregular x 30	19,950	598,500
7	U/I Building		11,700	444,600
8	Prob Workshop		23,010	1,035,450
9	Prob Workshop U/C	295 x 120 x 45	35,400	1,593,000
10	U/I Building	65 x 65 x 20	4,225	84,500
11	Workshop Subassembly Building	165 x 80 x 15	13,200	198,000
12	Workshop		67,150	805,800
13	U/I Support Building	700 x 65 x 15	6,500	97,500
14	Support Shipping Area	220 x 160 x 30	35,200	1,056,000
15	Support Shipping Area	240 x 80 x 25	19,200	480,000
16	Support Shipping Area	200 x 70 x 15	14,000	240,000
17	Workshop/Machine Shop	Irregular x 20	123,025	2,460,500
18	Foundry	Irregular x 20	41,400	828,000
19	Foundry/Forge		71,900	1,581,800
20	Forge	Irregular x 15	11,925	178,875
21	Support Building		6,435	154,490
22	Workshop	130 x 110 x 15	14,300	214,500
23	Admin Building		8,265	247,950
24	Admin Building	160 x 75 x 35	12,000	420,000
25	Workshop	Irregular x 30	88,250	2,647,500
26	Hangar	140 x 130 x 30	18,200	346,000
27	Support Building		2,000	24,000
28	Support Building	Irregular x 15	19,400	297,000
29	Support Building	100 x 75 x 35	7,500	262,500
30	Steam Plant	100 x 100 x 30	16,000	480,000
31	Unidentified Building Site	- - -	- -	- -
32	U/I Support Building	300 x 120 x 35	36,000	1,260,000
33	Transformer Yard and Building Control	Irregular x 20	4,025	80,500
34	Support Building	200 x 40 x 15	8,000	120,000
35	U/I Support Building	Irregular x 15	13,625	204,375
TOTAL			1,914,410	68,150,340

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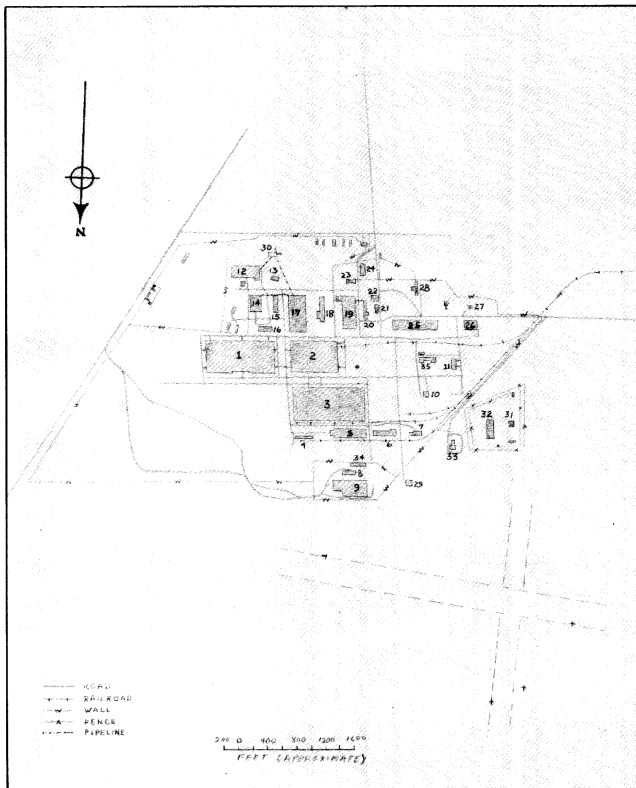
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